# **Rhode Island Department of Transportation**

Quarterly Report April – June 2016



July 29, 2016



## Statutory Reporting Requirements

The RhodeWorks plan to repair roads and bridges was approved by the Rhode Island General Assembly and signed into law by Governor Gina M. Raimondo on February 11, 2016. The legislation (2016-H 7409Aaa, 2016-S 2246Aaa) creates a funding source that will allow the Rhode Island Department of Transportation (RIDOT) to repair more than 150 structurally deficient bridges and make repairs to another 500 bridges to prevent them from becoming deficient, bringing 90 percent of the state's bridges into structural sufficiency by 2025. Incorporated into the new legislation are the following reporting requirements:

RIGL 42-13.1-16. Reporting. – The department shall submit to the office of management and budget, the house fiscal advisor, and the senate fiscal advisor, a report on the progress of implementation of this chapter within thirty (30) days of the close of each of the fiscal quarters of each year. The reports shall also be posted on the department's website. The reports shall include, at a minimum:

- (1) Construction and design contracts of five hundred thousand dollars (\$500,000) or greater planned to be advertised in the upcoming federal fiscal year, their value and expected award date;
- (2) Construction and design contracts of five hundred thousand dollars (\$500,000) or greater awarded in the prior federal fiscal year, date of award, value, and expected substantial completion date;
- (3) Expected final cost of:
  - (i) Any construction contracts of five hundred thousand dollars (\$500,000) or greater that reached substantial completion in the prior federal fiscal year; and
  - (ii) Any design contracts of five hundred thousand dollars (\$500,000) or greater completed in the prior federal fiscal year; and
- (4) Total number of workers employed through the contract and the number of the workers in that total with a Rhode Island address.



Department of Transportation Two Capitol Hill Providence, RI 02903

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July 29, 2016

Sharon Reynolds Ferland House Fiscal Advisor

82 Smith Street Providence, RI Stephen Whitney
Senate Fiscal Advisor

82 Smith Street Providence, RI Jonathan Womer

Office of Management and Budget

One Capitol Hill Providence, RI

Dear Ms. Reynolds Ferland, Messrs. Whitney and Womer:

It has been another busy quarter at RIDOT. We had a successful launch of the Providence to Newport ferry. On its first weekend, the new ferry service provided more than 1,000 trips from Providence to Newport – helping to boost Rhode Island's tourism economy while at the same time reducing congestion on our highways and improving air quality. The rapid launch of this new service exemplifies the new Project Management approach we are taking at RIDOT. RIDOT constructed the ferry terminal facility and launched the service just eight weeks after receiving Requests for Proposals and just in time for the July 4<sup>th</sup> holiday weekend.

Speaking of Project Management, this quarter also marks a milestone in our reorganization. The department announced the hiring of 10 new positions to fill out most of the top level management. RIDOT is now in the process of onboarding new project managers. On the project front, we advertised six contracts valued at more than \$19 million since last quarter. We continue to focus on project delivery, infrastructure renewal and accountability. Our efforts in efficient delivery have resulted in an 11% increase in construction contracts to be put out to bid, even as we reduced design consultant costs by 9% this past state fiscal year. Next federal fiscal year we anticipate advertising more than \$200 million in new infrastructure contracts – the largest capital program RIDOT has produced since the federal stimulus program of nearly eight years ago.

To fund this much needed "surge" of new infrastructure renewal, we successfully refinanced our debt service this last quarter – providing nearly \$130 million in additional funding to RIDOT. Importantly, RIDOT was able to take advantage of today's low interest rates – reducing our interest rate from 4.8% to 1.8%. RIDOT will now work to advance the \$300 million of new borrowing authorized by the RhodeWorks legislation. At the same time, RIDOT awarded contracts for both the owner's representative and the level III traffic study for the truck toll program.

On the transit front, we solicited Requests for Qualifications from developers for the new Providence Transit Hub. This public-private partnership will not only allow RIDOT to relocate RIPTA buses from Kennedy Plaza, it will also create an intermodal bus-rail facility with associated Transit Oriented Development (TOD). Also during the quarter, RIDOT submitted a federal grant application for the long-awaited construction of the Pawtucket Train Station. I am happy to report that since the quarter closed, RIDOT received word that we have successfully secured a \$13.1 million federal grant for this project. Furthermore this the quarter we debuted the Air Show train, where close to 3,800 spectators avoided traffic and took the MBTA Commuter Rail from Providence and TF Green Stations to the show.

Finally, our project accountability signs are beginning to appear throughout the state, another reflection of the level of transparency and accountability of the new RIDOT.

Sincerely,

Peter Alviti Jr., P.E.

Director

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# Key Accomplishments

### **Key Accomplishments**

#### **RhodeWorks**

- Implementation The RhodeWorks legislation that was signed into law in February 2016 authorized \$300 million in new federal bonding, the refinancing of existing federal debt and the implementation of a truck only toll all dedicated to fixing Rhode Island's crumbling infrastructure and bridges. Immediately following the passage of the legislation, RIDOT advertised contracts for the implementation of the truck toll. This included the procurement of an owner's representative for the tolling contractor and a firm to complete a level III traffic analysis. This past quarter, RIDOT awarded both contracts. The Toll Facilities Implementation Design/Build RFP is scheduled to be advertised in the fall of 2016. Tolls will begin in 2018.
- 10 Year Plan RhodeWorks provided the funding required to fully fund RIDOT's 10 Year Plan. This past quarter, the State Planning Council approved RIDOT's 10 Year Plan for public comment. RIDOT anticipates approval of the plan by the federal government prior to the beginning of the federal fiscal year on October 1<sup>st</sup>. With that approval, RIDOT will be only the third state in the country to adopt a fiscally constrained 10 Year Plan.
- Construction Project Pipeline This past quarter, RIDOT solicited bids for \$19.4 million in new construction contracts and the Department is on track to advertise more than \$140 million in new contracts this federal fiscal year including an increase of nearly \$50 million as a result of the RhodeWorks legislation. Next year, RIDOT anticipates more than \$210 million in contracts the highest level of construction awards since the Federal American Recovery and Reinvestment Act of 2009.
- GARVEE Refinancing Working with the Department of Administration, the Treasurer's Office and the Department of Commerce, RIDOT continued to advance the refinancing of existing GARVEE debt service. The refinancing was successfully completed in June, providing nearly \$130 million in additional funding to RIDOT. Importantly, RIDOT was able to take advantage of today's low interest rates by reducing our interest rate from 4.8% to 1.8%. In the upcoming quarter, RIDOT will begin working to advance the \$300 million of new borrowing authorized by the RhodeWorks legislation. The new borrowing is expected to be completed in late fall.

#### **RIDOT Reorganization & Project Management Implementation**

- Reorganization RIDOT continued to implement the largest reorganization in its history, moving to a best-practice
  project management structure. The department announced the hiring of 10 new positions to fill out most of the
  top level management. The new hires represent a wealth of experience in project management, planning, civil
  engineering, environmental regulation, administration and media communications. RIDOT is now in the process
  of onboarding new project managers.
- Project Management With the new management team on board, RIDOT focused as well on hiring at the Project
  Manager (PM) level. During the quarter, RIDOT hired 12 people into Project Manager I and Project Manager II
  positions. Since the closing of this quarter, the remaining 8 project managers were hired and will be starting over
  the coming weeks. With these new hires, the project managers' recruitment goal is 100% complete.
- Task Order Design Contracting RIDOT is transitioning to the industry best practice of task order contracting for
  design and engineering support. This approach speeds the procurement of design contractors allowing RIDOT to
  deliver projects faster and more cost effectively. In January 2016, RIDOT publicly solicited proposals from
  Architecture and Engineering (A&E) firms. They were received in March. In June, RIDOT completed the evaluations
  for the proposals it received and presented to the A&E Committee for approval. Since the quarter closed, RIDOT
  received approval from the A&E Committee and issued tentative award letters to the chosen firms. RIDOT
  anticipates the contracts to be awarded in August.
- Expanding Maintenance RIDOT maintenance crews continue to be expanded with six new employees hired this
  quarter. The entire new Pavement Marking crew traveled out of state and received hands on training in equipment
  and field operations best practices through a cooperative arrangement with the New Hampshire DOT. RIDOT
  anticipates having the equipment and capability for commencing full time night striping operations in the next
  quarter.

#### **Transit Improvements**

- Public-Private Partnerships Working with the Department of Commerce and the Division of Capital Asset
  Management & Maintenance in the Department of Administration, RIDOT continues to advance a public-private
  partnership for the new transit hub at Providence Station. This past quarter, RIDOT solicited Requests for
  Qualifications from developers for the new Providence Transit Hub. This public-private partnership will not only
  allow RIDOT to relocate RIPTA buses from Kennedy Plaza, it will also create an intermodal bus-rail facility with
  associated Transit Oriented Development (TOD).
- Pawtucket/Central Falls Station RIDOT submitted the application for the construction of a new Pawtucket/Central Falls Train Station under the federal TIGER program. The RhodeWorks legislation made \$80 million in additional transit funding available over the next 10 years, enabling strong local match for the TIGER grant. RIDOT requested \$14.5 million for the \$40 million project. Since the quarter closed, RIDOT received word that it has secured a \$13.1 million federal grant for a new commuter rail station.
- Providence Newport Ferry RIDOT had a successful launch of the Providence to Newport ferry. On its first
  weekend, the new ferry service provided more than 1,000 trips from Providence to Newport helping to boost
  Rhode Island's tourism economy while at the same time reducing congestion on our highways and improving air
  quality. The rapid launch of this new service exemplifies the new Project Management approach being
  implemented at RIDOT.
- National Guard Air Show Train In an effort to relieve the historic and often horrific congestion along I-95 and Route 4, RIDOT for the first time provided train service as a pilot demonstration initiative to the Quonset Air Show on June 11 and 12<sup>th</sup>. Nearly 3,800 people rode the train. RIDOT anticipates bringing a more robust train service back for the 2017 Air Show.
- **Providence Pedestrian Bridge** RIDOT worked closely with the I-195 Redevelopment Commission and successfully accelerated the advertising of the Providence Pedestrian Bridge project in May 2016 by two months.

#### **Improved Operations**

- Safety A major highlight of the quarter was the two-week "Click It or Ticket" seat belt National Mobilization. Twenty-five Rhode Island law enforcement agencies participated in the Mobilization, which ran from May 25<sup>th</sup> June 3<sup>rd</sup>, 2016. A total of 1,800 seat belt citations and twenty-six child restraint citations were issued during the enforcement wave.
- Civil Rights In the area of Civil Rights, RIDOT continues to make significant progress. The Rhode Island Department of Administration's Office of Diversity, Equity, and Opportunity (ODEO) selected RIDOT as the state's first Diversity Champion for March 2016. ODEO selected RIDOT based on the Department's partnership with the state in utilizing minority media for outreach and recruitment, for interviewing a diverse pool of applicants, and for achieving the highest percentages of diversity in new hires and promotions/transfers, among state departments. ODOE also commended RIDOT's Human Resources staff for their important role. RIDOT's Director and Chief of Staff attended ODEO's April 2016 Diversity Liaison meeting to discuss strategies RIDOT used to achieve its recognized results.
- Potholes The steps the department has taken to address potholes are bearing fruit. Our Maintenance
  Department continue to make use of new "pothole killer" direct injection technology. Thanks to those efforts and
  the focus last summer on key pothole problem areas, pothole calls to the Transportation Management Center
  (TMC) are well below our five-year average. Since January 2016, RIDOT received 457 calls to the TMC as compared
  to an average of 666 calls over the same timeframe within the last five years.
- Quarterly Report/Accountability Finally, during the quarter RIDOT improved its quarterly report with town by town breakdowns and a display section of changes since last quarter. RIDOT also began erecting project signs at various active construction sites around the state.

# Statutory Requirements

CONSTRUCTION FFY15 COMPLETE

STATUTORY REQUIREMENT: Expected final cost of Construction Contracts \$500,000 or greater that reached substantial completion in the prior fiscal year, and the total number of workers employed through the contract and the number of workers in that total with a Rhode Island Address.

CONSTRUCTION CONTRACTS AT SUBSTANTIAL COMPLETION IN FFY 2015 (Oct. 1, 2014 - Sep. 30, 2015)

Construction Contract (Project Name)	Completion Date (Mon-Year)	nected Final ntract Cost (\$M)	Number of Workers	Number of RI Workers	% Share w/ RI Residence
FFY 2015 1st Quarter - October 1-December 31, 2014					
Statewide Pavement Striping - East Bay	Oct-14	\$ 2.0	18	10	56%
Traffic Safety Improvements to Plainfield Pike at Interstate I-295 (HSIP Funds)	Oct-14	\$ 0.8	13	13	100%
Reconstruction of Two Mile Corner - Stormwater Management Facility	Oct-14	\$ 0.8	N/A	N/A	N/A
I-295 Safety & Bridge C-3B, Bridge 750	Oct-14	\$ 13.6	381	182	48%
Relocated Rt. 403 Phase 2 Landscape C-4	Nov-14	\$ 0.6	N/A	N/A	N/A
High Risk Rural Roads Safety Improvements (HRRR/HSIP)	Nov-14	\$ 1.4	5	4	80%
Kent Dam Spillway Bridge No. 84 & Scituate Ave 1R	Nov-14	\$ 2.8	92	36	39%
Barton Corner Bridge No. 518	Nov-14	\$ 9.7	114	82	72%
Trestle Trail - East Section	Nov-14	\$ 8.0	130	93	72%
South County Bike Path Maint & Signing Contract	Nov-14	\$ 0.5	28	24	86%
High Priority Limited Resurfacing of I-95	Nov-14	\$ 2.0	10	10	100%
2014 HSIP Near-Term Improvements - Contract 1	Nov-14	\$ 2.6	112	62	55%
Highway Safety Improvement Program (HSIP) -Contract 4- Central	Dec-14	\$ 2.4	33	22	67%
Replacement of Warren Ave Ramp Br. No. 465	Dec-14	\$ 3.0	40	16	40%
Type 2 Emergency Repair to Wampanoag Trail Bridge No. 477	Dec-14	\$ 0.5	56	41	73%
1R Improvements to Elmwood Avenue (C-3)	Dec-14	\$ 5.6	132	95	72%
Subtotal		\$ 56.3	1,164	690	59%
FFY 2015 2nd Quarter - January 1-March 31, 2015					
Dean Street and Cahir Street Lighting Improvements	Jan-15	\$ 0.5	13	13	100%
Statewide Fence Replacement and Repair 2011	Mar-15	\$ 0.9	32	23	72%
Subtotal		\$ 1.4	45	36	80%
FFY 2015 3rd Quarter - April 1-June 30, 2015					
2013 Rubberized Asphalt Chip Sealing	May-15	\$ 2.0	44	20	45%
Magnolia Bridge No. 503 Removal	May-15	\$ 5.7	206	110	53%
Morgan Ave. Bridge No. 109901	May-15	\$ 0.8	N/A	N/A	N/A
Statewide High Friction Surface Treatments	May-15	\$ 0.6	17	13	76%
Contract 3 – State Traffic Commission	May-15	\$ 1.3	59	48	81%
2014 HSIP - Systemic Improvements (Wrong-Way Driving Mitigation) (HSIP Funds)	May-15	\$ 1.8	46	41	89%
Subtotal		\$ 12.2	372	232	62%
FFY 2015 4th Quarter July 1 - September 30, 2015					
Ten Rod Road Bridge No. 591	Jul-15	\$ 6.1	N/A	N/A	N/A
I-195 Relocation - Contract 14 (West side city streets )	Jul-15	\$ 13.6	284	124	44%
Concrete Beam Repairs to Kingston Station RR Bridge No. 372	Jul-15	\$ 0.6	11	2	18%
RI*STARS - Aquidneck Island - America's Cup Avenue and Memorial	Jul-15	\$ 2.8	75	50	67%
Boulevard Improvements					
Downtown Intermodal Park Comfort Station	Aug-15	\$ 1.3	N/A	N/A	N/A
I-195 Relocation - Contract 15 (East side city streets)	Aug-15	\$ 8.6	173	106	61%
RIPTA R-LINE TRANSIT SIGNAL PRIORITY – BROAD STREET	Aug-15	\$ 0.8	22	18	82%
Crack Sealing - Limited Access, 2015	Sep-15	\$ 0.2	N/A	N/A	N/A
Improvements to US Route 1 in Charlestown	Sep-15	\$ 4.9	48	35	73%
Subtotal		\$ 38.9	613	335	55%
TOTAL		\$ 108.9	2,194	1,293	59%

CONSTRUCTION FFY16 COMPLETE

STATUTORY REQUIREMENT: Expected final cost of Construction Contracts \$500,000 or greater that reached substantial completion in the current fiscal year, and the total number of workers employed through the contract and the number of workers in that total with a Rhode Island Address.

CONSTRUCTION CONTRACTS AT SUBSTANTIAL COMPLETION IN FFY 2016 YTD (Oct. 1, 2015 - March 31, 2016)

Construction Contract (Project Name)	Completion Date (Mon-Year)	ected Final ntract Cost (M\$)	Number of Workers	Number of RI Workers	% Share w/ RI Residence
FFY 2016 1st Quarter - October 1 - December 31, 2015					
Ocean Avenue 1R Improvements	Oct-15	\$ 0.7	84	34	40%
Colt State Park Bike Path Connector	Oct-15	\$ 1.5	84	23	27%
Mineral Spring Avenue 1R Improvements	Nov-15	\$ 3.9	N/A	N/A	N/A
New River Road & Victory Highway 1R Improvements	Nov-15	\$ 2.0	N/A	N/A	N/A
Jamestown-Verrazzano Bridge 800 & Cove Bridge 495	Dec-15	\$ 4.8	N/A	N/A	N/A
Subtotal		\$ 12.9	168	57	34%
FFY 2016 2nd Quarter - January 1, 2016 - March 31, 2016					
Statewide DMS Installation	Jan-16	\$ 2.3	N/A	N/A	N/A
195 LED Lighting - Exists 1,2,4,5, and Weight Stations	Feb-16	\$ 2.6	N/A	N/A	N/A
Subtotal		\$ 2.6	-	-	-
FFY 2016 3rd Quarter - April 1, 2016 - June 30, 2016					
Providence Station Enhancements	Apr-16	\$ 6.9	29	21	72%
Atwells Avenue Bridge No. 975 Replacement	May-16	\$ 2.8	45	28	62%
Old River Road (Route 126) 1R Improvements	May-16	\$ 2.4	4	4	100%
Route 37 1R Improvements	May-16	\$ 5.8	4	3	75%
US Route 1, South Kingstown Improvements	May-16	\$ 1.8	7	6	86%
Route 116 Knotty Oak Rd	May-16	\$ 1.5	43	30	70%
West Main Road (Route 77) Chip Seal	May-16	\$ 1.6	22	15	68%
West Elmwood Railroad Bridge No. 660 (69G)	Jun-16	\$ 2.4	9	4	44%
Guardrail Repair and Replacement 2014-2016	Jun-16	\$ 2.2	N/A	N/A	N/A
Subtotal		\$ 27.4	163	111	68%
TOTAL		\$ 42.9	331	168	51%

Note: With passage of RhodeWorks, RIDOT is increasing efforts to ensure contractor compliance with Rhode Island Jobs reporting requirements.

CONSTRUCTION FFY15 AWARDS

STATUTORY REQUIREMENT: Construction contracts of \$500,000 or greater awarded in the prior fiscal year, date of awards, value and expected substantial completion date.

CONSTRUCTION CONTRACTS AWARDED IN FFY 2015 (Oct. 1, 2014 - Sep. 30, 2015)

Construction Contract (Duniage Name)	Award Date (Mon-	Value at		Exp. Completion Date	
Construction Contract (Project Name)	Year)	Award (\$M)		(Mon-Year)	
FFV 2045 4-t Overton Ortobard December 24, 2044					
FFY 2015 1st Quarter - October 1-December 31, 2014  RI*STARS - Aquidneck Island - Contract 2	Oct-14	\$	2.8	Completed	
Providence Train Station Improvements	Dec-14	\$	6.9	Completed	
RIPTA R-LINE Transit Signal Priority – Broad St.	Nov-14	\$	0.8	Completed	
Kingston Station RR Bridge	Dec-14	\$	0.6	Completed	
Improvements to Route 146A and Park Avenue Intersection	Dec-14	\$	0.7	Completed	
Subtotal		\$	11.8	33	
FFY 2015 2nd Quarter - January 1-March 31, 2015					
1R Improvements to Mineral Spring Ave.	Jan-15	\$	3.7	Completed	
Colt State Park Bike Path Connector EARMARK	Jan-15	\$	1.5	Completed	
Improvements to US Route 1 in Charlestown	Jan-15	\$	5.0	Completed	
Statewide DMS Installation	Feb-15	\$	2.3	Completed	
Statewide Fence Repair and Replacement 2015-2016	Feb-15	\$	0.7	Sep-16	
ADA Rehab of Park & Ride Lots	Feb-15	\$	0.9	Completed	
Pier Cap Replacement - Woodruff Ave Br.	Mar-15	\$	5.6	Jun-17	
Broadway Streetscape Improvement Project	Mar-15	\$	5.8	May-17	
Enhanced Roadside & Recessed Freeway Delineation	Mar-15	\$	2.4	Aug-16	
Subtotal		\$	28.0	ū	
		-			
FFY 2015 3rd Quarter - April 1-June 30, 2015					
Shippee Bridge	Apr-15	\$	2.2	Sep-16	
2015-16 Statewide Pavement Markings-East Bay	May-15	\$	2.3	Oct-16	
State Traffic Commission, C-4	Jun-15	\$	1.6	Oct-16	
2015-16 Statewide Pavement Markings-North	May-15	\$	2.5	Completed	
West Elmwood RR Bridge No. 660 (69G)	Jun-15	\$	2.1	Completed	
Improvements to Route 4	Jun-15	\$	2.8	Completed	
1R Improvements to Route 37	Jul-15	\$	6.0	Completed	
Rubberized Asphalt Chip Seal - West Main Rd.	Jun-15	\$	1.3	Completed	
Subtotal		\$	20.8		
FFY 2015 4th Quarter July 1 - September 30, 2015					
1R Improvements to Dexter St.	Jul-15	\$	3.9	Sep-16	
I-95 Corridor Bridge Preservation & Resurfacing	Jul-15	\$	10.4	Dec-16	
Improvements to US Route 1 in South Kingstown	Jul-15	\$	1.9	Completed	
Crack Sealing - Limited Access, 2015	Aug-15	\$	0.2	Completed	
Pleasant Valley Parkway Bridge #777	Aug-15	\$	5.6	Jul-17	
Repairs to the East Ave. West Bridge	Jul-15	\$	1.8	Completed	
Rubberized Asphalt Chip Seal	Jul-15	\$	2.0	Nov-16	
Improvements to New River Rd. & Victory Highway	Jul-15	\$	1.3	Completed	
1R Improvements to Route 102 C-3	Aug-15	\$	5.2	Sep-16	
Improvements to Old River Road (Lincoln)	Aug-15	\$	2.4	Completed	
Paver Placed Elastomeric Surface Treatment	Aug-15	\$	1.7	Oct-16	
Statewide Drainage Improvements 2013 – Tower Hill Road	Aug-15	\$	0.6	Completed	
DBP C10 Repairs to Hamlet Ave Bridge #500	Sep-15	\$	2.2	Jul-17	
Glennbridge Avenue and South County Trail Bridge Repairs Contract 3	Aug-15	\$	6.2	Dec-16	
2015 Statewide Resurfacing Program, Contract-1	Aug-15	\$	4.1	Nov-16	
Improvements to Rte. 116 - Knotty Oak Rd.	Sep-15	\$	1.4	Completed	
E. Shore Expway & McCormick Bridge	Sep-15	\$	14.0	Jun-17	
Route 24 and I-295 Bridge Preservation 2015	Oct-15	\$	4.3	Dec-16	
Subtotal		\$	69.1		
TOTAL		\$	129.6		

CONSTRUCTION FFY17 PLANNED ADVERTISED

STATUTORY REQUIREMENT: Construction Contracts of \$500,000 or greater planned to be advertised in the upcoming federal fiscal year, their value and expected award date.

CONSTRUCTION CONTRACTS PLANNED TO BE ADVERTISED IN FFY 2017 (Oct. 1, 2016 - Sep. 30, 2017)

Construction Contract (Duniont Name)	Expected Award Date (Month-	Value (\$ M)	
Construction Contract (Project Name)	Year)	value (\$ IVI)	
FFY 2017 1st Quarter - October 1, 2016 - December 31, 2016			
Big River Bridge No. 34 (57K)	Feb-17	\$ 1.5	
Metacom Avenue - HSIP	Jan-17	\$ 2.7	
North - Johnston, C-3 - HSIP	Feb-17	\$ 0.7	
I-95 Corridor Preservation - Bridge Washing (58C)	Jan-17	\$ 3.4	
I-95 Resurfacing (Elmwood Avenue to Eddy St)	Mar-17	\$ 8.0	
Route 4 Improvements, C-2	Mar-17	\$ 5.5	
Statewide Resurfacing C-2, 2017	Feb-17	\$ 2.0	
Cumberland I-295 Corridor Bridges (37T - I)	Apr-17	\$ 6.0	
Gorton RR Bridge No. 841 (57L)	Apr-17	\$ 1.5	
Greenville Ave Bridge I-295 SB Over Route 5 (35T - H)	Mar-17	\$ 3.0	
Oxford Street Bridge No. 653 (2T)	Mar-17	\$ 4.0	
Wood River Valley Bridge No. 404, I-95 North & South (7T - A)	Apr-17	\$ 6.8	
East Main Road 1R Improvements	Apr-17	\$ 5.4	
Subtotal		\$ 50.4	
FFY 2017 2nd Quarter - January 1, 2017 - March 31, 2017			
Central RI Bridges - Group 12 (32 Bridges)	May-17	\$ 14.5	
Division Street Bridge No. 760 (58A)	Apr-17	\$ 5.0	
Park Avenue RR Bridge No. 922 (59A)	May-17	\$ 2.0	
Diamond Hill Road Improvements	Apr-17	\$ 0.9	
High Friction Surface Treatments 2016	Apr-17	\$ 0.8	
Traffic Signal Optimization, C-3, 2016	Apr-17	\$ 1.0	
Victory Highway Bridge No. 589 (71)	May-17	\$ 7.5	
US Route 6 (Hartford Ave), C-1	May-17	\$ 6.0	
Route 146 Improvements	Jun-17	\$ 10.0	
South (Route 2 and Route 102 Roundabout) - HSIP	Jun-17	\$ 2.5	
Subtotal		\$ 50.2	
FFY 2017 3rd Quarter - April 1, 2017 - June 30, 2017			
Horton Farm Bridge No. 472 (57M)	Jul-17	\$ 10.5	
Coventry - Local Safety Improvements	Sep-17	\$ 0.3	
Hope Valley Bridges (69D)	Sep-17	\$ 4.0	
Simmonsville Bridge No. 326 (57C)	Sep-17	\$ 0.5	
Route 24 Improvements	Sep-17	\$ 6.0	
High Street/Kingstown Road Stormwater Mitigation	Oct-17	\$ 0.4	
Subtotal		\$ 21.6	
FFY 2017 4th Quarter - July 1, 2017 - September 30, 2017			
Browning Mill Bridge No. 38 (57J)	Oct-17	\$ 0.9	
I-95 Resurfacing, C-2 (Pawtucket)	Oct-17	\$ 3.0	
Snell Road Improvements	Oct-17	\$ 0.8	
Woodville Road Improvements	Oct-17	\$ 3.5	
I-95 North & South Bridges at Toll Gate Road Nos. 683, 684 (5T - B2, C)	Nov-17	\$ 15.0	
Cranston - Local Safety Improvements	Dec-17	\$ 0.3	
Pine Street Bridge No. 548 (31)	Dec-17	\$ 4.8	
I-195 Corridor Bridges (77)	Dec-17	\$ 10.8	
I-295 & Route 6 Bridges Nos. 730, 732, 736, 737, 757 (9T - G, H)	Dec-17	\$ 25.0	
I-295 North at Route 6 Bridge. 737 (69T - H)	Dec-17	\$ 7.0	
Farnum Pike Bridges Nos. 44101, 44121 (38T - L)	Jan-18	\$ 9.0	
I-95 Corridor Bridge Nos. 56101, 56121, 56201, 56221 (3T - F)	Jan-18	\$ 7.0	
Route 146 Corridor Bridges (38)	Jan-18	\$ 9.4	
Subtotal		\$ 96.4	

DESIGN FFY15 COMPLETE

STATUTORY REQUIREMENT: Expected final cost of Design Contracts of \$500,000 or greater completed in the prior federal fiscal year, and the total number of workers employed through the contract and the number of workers in that total with a Rhode Island Address. DESIGN CONTRACTS COMPLETED IN FFY 2015 (Oct. 1, 2014 - Sep. 30, 2015)

Design Contract (Project Name)	Completion Date (Mon-Year)	Expected Final Cost (\$M)		Number of Workers	Number of RI Workers
FFY 2015 1st Quarter - October 1-December 31, 2014					
Bridge Rehab/Replace Program - Group 7	Nov-14	\$	1.9	N/A	N/A
Subtotal		\$	1.9		
FFY 2015 2nd Quarter - January 1-March 31, 2015					
Allens Avenue	Feb-15	\$	0.9	N/A	N/A
Bridge Rehab/Replace Program - Group 9	Feb-15	\$	0.9	N/A	N/A
Traffic Signal Warrant Analysis/Design (C-3)	Feb-15	\$	1.1	N/A	N/A
Subtotal		\$	2.9		
FFY 2015 3rd Quarter - April 1-June 30, 2015					
Enhancements, Maintenance & Technical Support	Apr-15	\$	2.6	N/A	N/A
Arterial Analysis of Traffic Signal Systems (C-3)	Apr-15	\$	1.6	N/A	N/A
Traffic Signal Warrant Analysis/Design (C-1) East Bay	Apr-15	\$	0.6	N/A	N/A
Arterial Traffic Control Systems - Contract 3	Apr-15	\$	0.6	N/A	N/A
Consultant Engineering Liaison Services	Apr-15	\$	8.0	N/A	N/A
Reconst. Rte. 4 / US Route 1	Jun-15	\$	4.5	N/A	N/A
Subtotal		\$	10.7		
FFY 2015 4th Quarter - July 1-September 30, 2015					
I-295 Safety & Bridge	Sep-15	\$	1.8	N/A	N/A
Subtotal		\$	1.8		
TOTAL		\$	17.3		

Note: RIDOT does not currently collect full employment and payroll information from contractors and subcontractors on design contracts, as this was not a legislated requirement prior to RhodeWorks. As such, RIDOT does not currently have sufficient information about number of unique employees per project or employee state of residence. Going forward, RIDOT will amend contract agreements to include such information for all non-lump sum based contracts. RIDOT is developing a methodology to capture this information in the future and we are providing the best information available to date.

DESIGN FFY15 AWARDED

STATUTORY REQUIREMENT: Design contracts of \$500,000 or greater awarded in the prior federal fiscal year, their value and expected substantial completion date.

DESIGN CONTRACTS AWARDED IN FFY 2015 (Oct. 1, 2014 - Sep. 30 2015)

Design Contract (Project Name)	Award Date (Mon-Year)	•	ted Final t (\$M)	Ant. Completion Date (Mon-Year)
FFY 2015 1st Quarter - October 1-December 31, 2014				
2014-EH-036 – On-Call ADA Consultant Services – C1	Dec-14	\$	0.8	Dec-19
2014-EH-037 – On-Call ADA Consultant Services – C2	Dec-14	\$	0.8	Dec-19
2014-EH-038 – On-Call ADA Consultant Services – C3	Dec-14	\$	0.8	Dec-19
Subtotal		\$	2.3	
FFY 2015 2nd Quarter - January 1-March 31, 2015				
2015-ET-004 – Professional Consultant Services and ITS Tech support to RIDOT/TMC	Feb-15	\$	5.5	Jan-18
2015-ET-003 On-Call Highway Safety Improvement Program (HSIP) Engineering Support Services	Mar-15	\$	1.0	Mar-20
Subtotal		\$	6.5	
FFY 2015 3rd Quarter - April 1-June 30, 2015				
2015-EH-038 – 2015 Pavement Preservation Program – CONTRACT 1	May-15	\$	1.9	May-20
2015-EH-039 – 2015 Pavement Preservation Program – CONTRACT 2	May-15	\$	2.2	May-20
2015-EH-040 – 2015 Pavement Preservation Program – CONTRACT 3	May-15	\$	1.1	May-20
2015-EH-041 – 2015 Pavement Preservation Program – CONTRACT 4	May-15	\$	1.5	May-20
Subtotal		\$	6.6	
FFY 2015 4th Quarter - July 1-September 30, 2015				
2015-ET-017 –On-Call Traffic Design Consultant-C-1	Jun-15	\$	0.5	Jun-20
2015-ET-017 –On-Call Traffic Design Consultant-C-2	Jun-15	\$	0.5	Jun-20
2015-OI-042- On-Call Transit Planning Consultant	Aug-15	\$	0.6	Dec-16
Subtotal	_	\$	1.6	
TOTAL		\$	17.0	

DESIGN FFY17 PLANNED

STATUTORY REQUIREMENT: Design contracts of \$500,000 or greater planned to be advertised in the upcoming federal fiscal year, their value and expected award date.

DESIGN CONTRACTS PLANNED TO BE ADVERTIZED IN FFY 2017 (Oct. 1, 2016 - Sep. 30, 2017)

Design Contract (Project Name)	Expected Award Date (Mon-Year)	Expected Cost (\$	
FFY 2017 1st Quarter - October 1-December 31, 2016	D 16	ć	2.0
Pawtucket Station Design Subtotal	Dec-16	\$ <b>\$</b>	3.0 <b>3.0</b>
TOTAL		\$	3.0

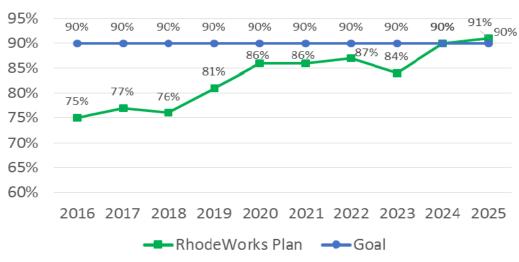
Note: In an effort to accelerate project delivery, RIDOT has moved to task order contracts every other year. As a result, the number of anticipated design contracts for FFY 2017 is substantially reduced. FFY 2018 will see a new series of task order design contracts.

# Operations

# **Bridge Condition**

In 2015, Rhode Island's bridges ranked 50<sup>th</sup> out of the 50 states – the worst bridges in America. As of June 30, 2016, 25% of Rhode Island bridge deck area was classified as structurally deficient. The following chart details anticipated bridge condition through FFY 2025. As can be seen, RIDOT anticipates reaching the federal minimum standard of 90% bridge sufficiency by 2025.





While the square footage of deck area is used as a comparative value, it is also important to note that 240 of the 1,173 bridges in Rhode Island were structurally deficient as of June 30, 2016.

In order to accomplish this goal, RIDOT has outlined a schedule for advertising new bridge preservation and reconstruction contracts for award over the next decade:

Advertise Schedule of Bridge Work									
Pl	Planned to be Advertised			sed to Date	Rem	Total			
FFY	Preservation	Repair/Replace	Preservation	Preservation Repair/Replace Preser		Repair/Replace	Bridges		
2016	2	24	2	6	0	18	26		
2017	32	53	-	-	32	53	85		
2018	84	27	-	-	84	27	111		
2019	104	5	-	-	104	5	109		
2020	38	7	-	-	38	7	45		
2021	36	10	-	-	36	10	46		
2022	3	9	-	-	3	9	12		
2023	129	27	-	-	129	27	156		
2024	44	1	-	-	44	1	45		
2025	0	18	-	-	0	18	18		
Totals	472	181	2	6	470	175	653		

# **Bridge Condition**

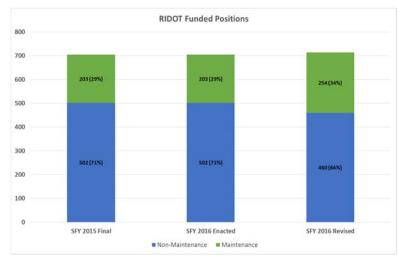
RIDOT's 10 Year Plan calls for increased expenditure on bridge preservation activities in addition to expenditures on bridge reconstruction. As can be seen in the chart below, 14 bridges were removed from the structurally deficient list in the last three quarters; however, 18 new bridges were also deemed structurally deficient after inspection. This underscores the importance of not only repairing structurally deficient bridges, but also investing in preservation projects to ensure those bridges that are not currently structurally deficient don't fall into that category.

No L	onger Structurally Deficient (Repaired, Replaced, or Removed) in FFY 2016
	The Great Island bridge 049901 which passes over the TIDAL FLATS INLET in Narragansett was Replaced
	The Tar Bridge 051301 which passes over the WOONASQUATUCKET RIVER in Providence was Repaired
	The Ten Rod Road NB bridge 059101 which passes over the RI 165 TEN ROD RD in Exeter was Replaced
Q1	The Ten Rod Road SB bridge 059121 which passes over the RI 165 TEN ROD RD in Exeter was Replaced
Oct-Dec	The Pettaconsett Ave bridge 061901 which passes over the JEFFERSON BLVD in Warwick was Repaired
2015	The Huntington North bridge 066401 which passes over the I-95 NB & SB in Cranston was Repaired
	The Huntington South bridge 066601 which passes over the I-95 NB & SB in Cranston was Repaired
	The Wolf Spider bridge 123001 which passes over the Harris Brook in Smithfield was Replaced
Q2	The Wampanoag Trail bridge 047701 which passes over the RI 114 EAST SHORE EXPWY in East Providence was Repaired
Jan-Mar	The Atwells Ave Ramp West bridge 057701 which passes over the I-95 RAMP CA in Providence was Replaced
2016	The Atwells Ave bridge 097501 which passes over the WOONASQUATUCKET RIVER in Providence was Repaired
Q3	The Hopkins Hollow bridge 008001 which passes over the Roaring Brook in Coventry was Repaired
April-June	The Putnam Pike bridge 074101 which passes over the I-295 NB & SB in Smithfield was Replaced
2016	The Chopmist Hill bridge 125301 which passes over the No Named Brook in Glocester was Repaired
	6
	Bridges That Became Structurally Deficient in FFY 2016
	The Meshanticut bridge 042201 which passes over the RI 5 OAKLAWN AV in Cranston
	The Meshanticut Viaduct bridge 042301 which passes over the RI 5 OAKLAWN AV & LANE C in Cranston
	The Wanskuck bridge 042801 which passes over the BRANCH AV in Providence
04	The Wampanoag Trail bridge 047701 which passes over the RI 114 EAST SHORE EXPWY in East Providence
Q1	The Ramp AD Civic Center bridge 057901 which passes over the AMTRAK, WOON RVR, RAMP BD in Providence
Oct-Dec 2015	The Ramp DB Civic Center bridge 058301 which passes over the AMTRAK,CITY STS,WOON RVR in Providence The Ramp B-EL bridge 066301 which passes over the WELLINGTON AV & AMTRAK in Cranston
2013	The Huntington Viaduct bridge 066501 which passes over the I-95 NB & SB, AMTRAK in Cranston
	The Church Street RR bridge 094301 which passes over the P&W RR in Cumberland
	The Hammet Road bridge 123601 which passes over the FLAT RIVER in Coventry
	The Esmond Mill bridge 124401 which passes over the Woonasquatucket River in Smithfield
	The Lafayette RR bridge 024301 which passes over the AMTRAK in North Kingstown
	The Purchase Street bridge 046801 which passes over the I-195 EB & WB in East Providence
Q2	The Airport bridge 077301 which passes over the US 1 POST RD in Warwick
Jan-Mar	The Rocky Hollow bridge 082701 which passes over the AMTRAK in East Greenwich
2016	The Harris bridge 083601 which passes over the PAWTUXET RIVER N BRANCH in Coventry
	The West River Street bridge 088301 which passes over the WEST RIVER in Providence
Q3	
April-June	The Moffit Pond bridge 022101 which passes over the Moshassuck River in Lincoln
2016	

## **Personnel and Organizational Structure**

The Rhode Island Department of Transportation (RIDOT) has made considerable progress in implementing the largest reorganization in its history. The reorganization will position the Department to effectively and efficiently manage and deliver transportation projects on time, on budget, and with the highest quality while improving transparency, responsiveness and accessibility.

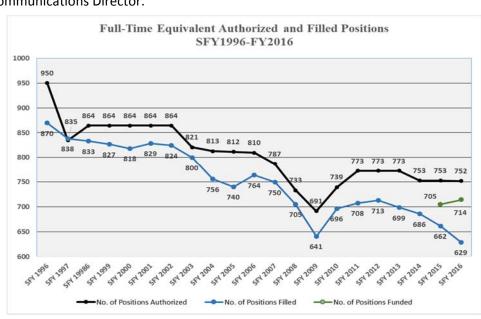
The Department recently announced the appointment of ten (10) individuals to join the senior leadership team. The new hires represent a wealth of experience in project management, planning, civil engineering, environmental regulation, administration and media communications. Most of these positions were filled this spring, and the remaining individuals will begin in the coming weeks. The reorganization is bringing many new faces into the Department, and none of these positions are held by the same person as compared to early 2015, when the new Administration arrived. Roughly 75% of the senior management team includes people new to the Department, and also is an inclusive and diverse group. The Department, since February



2016, is now lead by an Executive Leadership team, which includes: Director Peter Alviti, PE, Chief Operating Officer Peter Garino, Chief of Staff Celia Blue, and Acting Chief Engineer for Infrastructure David Fish, PE.

The key management positions that have been filled, include: Administrator, Division of Project Management; Administrator, Division of Planning; Administrator, Office of Transit, New Starts, Operations and Transportation Alternatives; Administrator, Office of Stormwater Management; Manager of Project Management; Manager of In-House design Engineering; Policy Director and Communications Director.

RIDOT's staffing levels are currently at an all-time low, and our full time equivalent (FTE) cap has been reduced in SFY 2017. Recruitment has been underway and was just recently concluded to fill twenty (20) new project management positions. Onboarding of these individuals is currently actively underway. The Project Manager is the single point of accountability at all stages of a given transportation project. These employees will monitor schedules, coordinate permits and regulatory requirements and ensure that projects are completed on time, on budget and to specification.

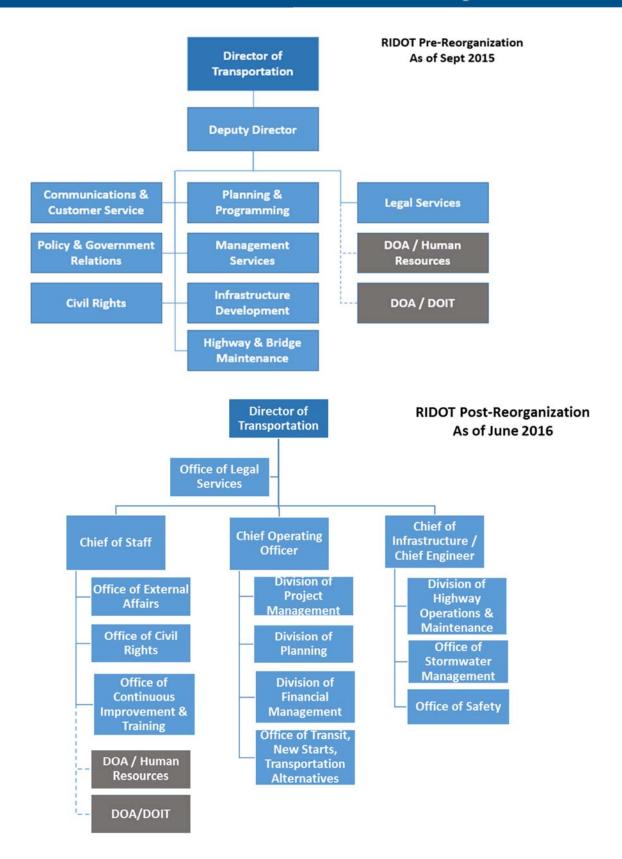


RIDOT is continuing its efforts to enhance

\*Numbers reported as of June 30, 2016.

various in-house highway maintenance field operations capabilities. Recruitment efforts continue to focus on filling field positions for the new pavement marking and drainage crews. These crews have been successfully trained and should be fully operational during the next quarter with the arrival of specialized vehicles and equipment. Additional staffing efforts will now be focused on other infrastructure asset management activities, such as: bridge safety inspection, roadside beautification, stormwater maintenance, traffic safety control, and highway signal and lighting systems.

# **Personnel and Organizational Structure**



## **Maintenance and Operations**

The RIDOT Maintenance Division District Facilities' daily operations in the spring and summer months include roadway patching, drainage structure cleaning and repairs, roadway sweeping, grass mowing, tree trimming and removal, and litter cleanup along the roadways. During the quarter, RIDOT swept 2,400 miles of roadway and mowed 2,600 acres of grass.

As part of the EPA/DOJ Consent Decree, RIDOT is required to clean an average of 1,250 drainage catch basins and manholes per year on non-interstate RIDOT roadways. The RIDOT Maintenance Division cleaned 1,200 drainage structures during this quarter alone. This means the Department is well on its way towards exceeding the EPA/DOJ Consent Decree requirement quota.



#### Physical Alteration Permit 120 100 Number of PAPs 80 55 60 40 26 44 20 40 0 2015 Commercial 2016 YTD 2015 Residential 2016 YTD Commercial Residential ■ Received/Pending Approved PAPs

The RIDOT Maintenance Division administers and issues Physical Alteration Permits (PAP) for residential and commercial construction that impacts the State Highway Rights-of-Way. Developers are eager to obtain their required permits to start construction in the spring months. During this quarter, RIDOT issued eight Residential and seventeen Commercial PAPs. RIDOT participated this quarter in a LEAN event focused on the PAP process and how to reduce processing time as part of a LEAN Government Initiative (Executive Order 15-09). LEAN involves continuous improvement activities to eliminate waste and backlogs, and to increase efficiency by streamlining the use of staff and resources. The outcome of the LEAN event is an action plan and recommendations that will be evaluated for implementation in the upcoming months.

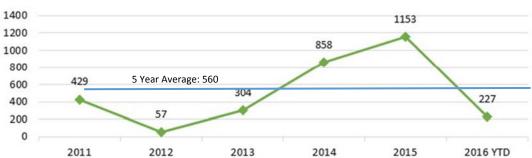
## **Maintenance and Operations**

RIDOT continues to see a reduction in the number of pothole claims received. The RIDOT Maintenance Division continued the use of between three and four of the automated pothole patching trucks during this past spring. Additionally, with the 2016 roadway construction season underway, RIDOT continues to resurface roads with a history of potholes.

Since January 2016, RIDOT received 227 pothole claims from motorists for reimbursements of repair costs resulting from pothole damage on the state's roads — a drop of more than 50 percent compared to the previous 5-year average (2011 — 2015). Importantly, this winter was on par with the average winter seasons for the past 5 years.



# Pot Hole Claims



A similar sharp decline was observed in the number of pothole calls received at RIDOT's Traffic Management Center, with the number of calls received between April and June 2016 accounting for only half of the number of calls received over the same time frame in 2015.

Pothole Calls to the Transportation Management Center



Note: January/February 2015 pothole call data was not collected.

### Safety

Rhode Island had a record low number of fatalities in calendar year 2015 (45). The first quarter of 2016 had higher than average fatalities offset by a decline in fatalities during quarter two. In comparison to 2015, there are two more fatalities in 2016 than 2015 for the same period of time. No definitive trend factors appear. Crashes occurred throughout the state, some on municipal roadways, some on state highways. These crashes involved people from age 17-80. Based on trends observed in recent years, likely factors include impairment, speed, distracted driving and driver error. Many of the vehicle passengers were not wearing seat belts. Seven pedestrians were killed during the first and second quarter of calendar year 2016.



During the second quarter of calendar year 2016, RIDOT applied for funds provided by the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) to continue its enforcement and education campaigns targeting seat belt use, impaired driving and speeding. A major highlight of the quarter was the two-week "Click It or Ticket" seat belt National Mobilization. Twenty-five Rhode Island law enforcement agencies participated in the Mobilization, which ran from May 25<sup>th</sup> – June 3<sup>rd</sup>, 2016. A total of 1,800 seat belt citations and twenty-six child restraint citations were issued during the enforcement wave.

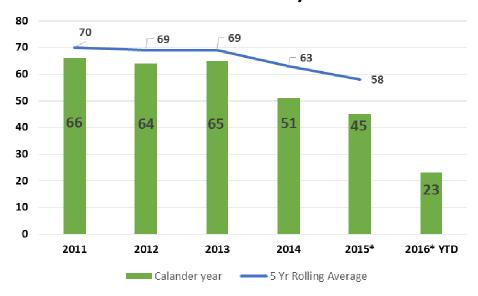
A kick-off event to emphasize the day/night border-to-border emphasis of the campaign was conducted at Martin Jr. Middle School in East Providence with officials from both the City of East Providence and Seekonk, Massachusetts participating. Campaign messaging was spread through use of RIDOT Variable Message Signs on major roadways throughout the State to advise motorists to buckle up because seat belts save lives. Additionally, RIDOT's Office on Highway Safety (OHS) hosted two NHTSA-facilitated Program Assessments, bringing issue area experts to our State to review key programs: one being Occupant Protection, and the other being Impaired Driving. The information and recommendations generated by the assessments will serve as planning elements which RIDOT's Office on Highway Safety will use to strengthen the effectiveness of RIDOT's critical traffic safety programs as we move "Toward Zero Fatalities."

FARS FATALITIES BY PERSON TYPE 2011-2016									
PERSON TYPE	2011	2012	2013	2014	2015	2016 Jan-June			
Motor Vehicle Occupants	37	49	37	25	28	15			
Motorcyclists	15	8	11	10	9	1			
De de state e	1.4	_	1.1	1.1	0	_			
Pedestrians	14	5	14	14	8	7			
Bicyclists	0	2	3	0	0	0			
ATV	0	0	0	1	0	0			
Person on Personal Conveyance	0	0	0	1	0	0			
TOTAL	66	64	65	51	45	23			





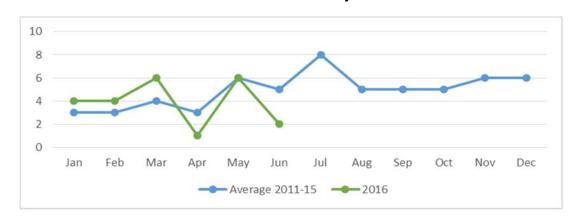
# **Traffic Fatalities by Year**



\*Calendar Year 2015 and Calendar Year 2016 are preliminary numbers due to timing lag for federal FARS system data. Numbers are subject to change.

# **Traffic Fatalities by Month**





<sup>\*</sup>Calendar Year 2015 and Calendar Year 2016 are preliminary numbers due to timing lag for federal FARS system data. Numbers are subject to change.

# **Transit Operations**

The Transit Operations Program consists of the various operational activities necessary to operate commuter rail and the seasonal ferry service. RIDOT operating expenses include Amtrak's Northeast Corridor access fee, liability insurance, Massachusetts Bay Transit Authority (MBTA) operations, station operations and marketing. Commuter rail operating expenses are funded with federal Congestion Mitigation and Air Quality (CMAQ) funds. Currently MBTA operations are funded with Federal Transit Administration (FTA) State of Good Repair funds for capital improvements along the MBTA's Providence line in exchange for service.

During this quarter, RIDOT issued a Request for Proposal (RFP) for the Providence-Newport ferry and selected an operator. In addition, the abandoned former Shooters site and dock on India Street in Providence were revitalized to accept passengers on July 1, 2016. A free RIPTA shuttle connecting the ferry to Downtown and Providence Station was implemented.



Per the MBTA's most recent statistical publication, Providence Station has more weekday inbound boardings than any of the 133 stations in their system outside of Boston. TF Green Airport and Wickford Junction are ranked 102 and 110, respectively.

#### **Transit Accomplishments this Quarter:**

- Successful debut of the Air Show train, where nearly 3,800 spectators avoided traffic and took MBTA Commuter Rail from Providence and TF Green Stations to the show.
- Increased utilization of Wickford Junction parking garage.
- Monthly average of 98 RIPTA riders using 'cross-honored' MBTA monthly passes.

#### **Commuter Rail Ridership**

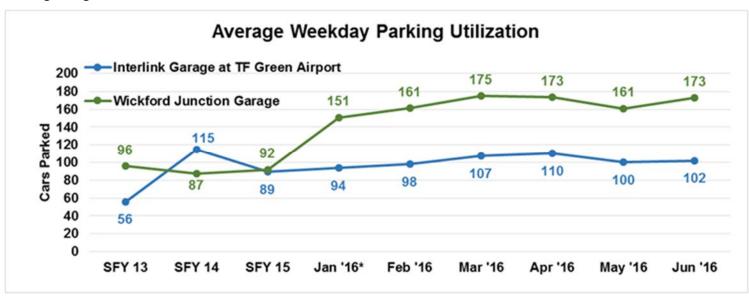


<sup>\*</sup> RIDOT contracts quarterly counts. This includes first Providence Station counts since the MBTA's April 2013 count of inbound passengers. RIDOT counts identified significant MBTA ridership decreases at Providence Station since 2013.

**Definition:** Quarterly ridership counts and estimates of MBTA patrons utilizing TF Green Airport and Wickford Junction Commuter Rail Stations (counts include both boardings and alightings).

**Sources:** MBTA Blue Book, MBTA Operator Estimates, RIDOT quarterly counts.

#### **Parking Garage Utilization**



<sup>\*</sup> First counts since RIPTA transition to WJ.

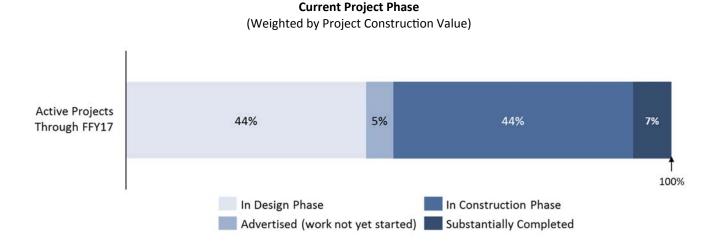
**Definition:** Average daily counts of number of cars parked at the Interlink Garage at TF Green Airport and the Wickford Junction Garage.

Sources: WJ operator transactions (historical data), RIDOT counts, RIAC transactions.

# Projects

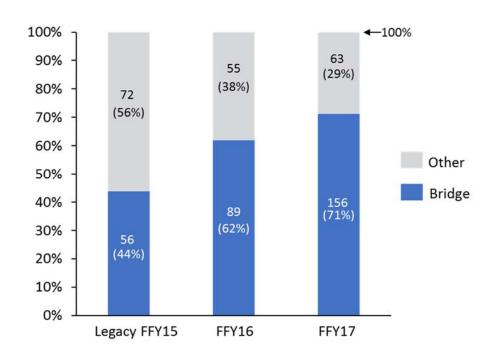
# **Project Performance**

RIDOT currently has 137 active projects through FF 2017 with a total expected construction value of \$634 million. Projects progress through RIDOT's project delivery process as follows: first, the project is included in the capital plan; then it goes through a design phase, followed by an advertisement for construction; construction and substantial completion. The chart below shows a roughly even split between projects in design and in construction, weighted by construction value.



Consistent with the purpose of RhodeWorks as a means to address Rhode Island's worst-in-the-nation bridges, RIDOT is increasing spending on bridges in FFY 2016 and FFY 2017, both in terms of absolute dollar value and as a percentage of total spending. Spending on bridges is slated to increase by almost \$100M between FFY 2015 and FFY 2017. The chart below shows both construction value of bridge projects vs other and percent of total spending on bridge projects vs other.

# **Bridge Projects as Proportion of Total** (Weighted by Project Construction Value)



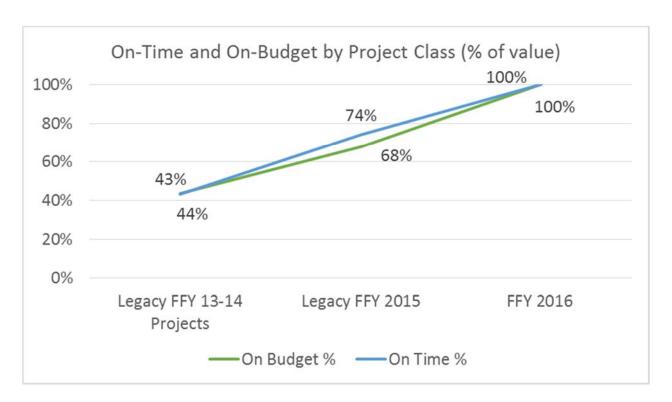
## **Project Performance**

RIDOT tracks projects by the federal fiscal year in which the project was advertised for construction. Of the current active projects, RIDOT inherited 12 legacy projects from pre-FFY 2015 which remain active, and 37 projects from FFY 2015. Though the new administration joined RIDOT partway through FFY 2015, much of the project planning and design for these projects had already been completed, providing limited opportunity to address issues ahead of advertisement. These projects never had holistic budgets – only the construction bid value, not overall costs including design and overhead – to work from. For FFY 2016 and FFY 2017, RIDOT has developed comprehensive budgets, and assigned a project manager that is the single point of accountability to ensure that the project is successfully completed on time and on budget.

As can be seen in the chart and graph below, the on-budget and on-time percentages improve over project classes. Pre-FFY 2015 projects perform the worst, FFY 2015 projects improve substantially, and all nineteen FFY 2016 projects currently in construction are on time and on budget. Since no FFY 2017 projects are underway yet, RIDOT does not report project performance for that class at this time.

**Projects On-Time and On-Budget Performance by Class** 

	On Budget % (by Value)	On Time % (by Value)	onstruction Value projects post-NTP)	On Budget % (by Projects)	On Time % (by Projects)	# of Projects post-NTP
Legacy FFY 13-14	44%	43%	\$ 132	88%	75%	8
Legacy FFY 2015	68%	74%	\$ 94	77%	77%	22
FFY 2016	100%	100%	\$ 51	100%	100%	19

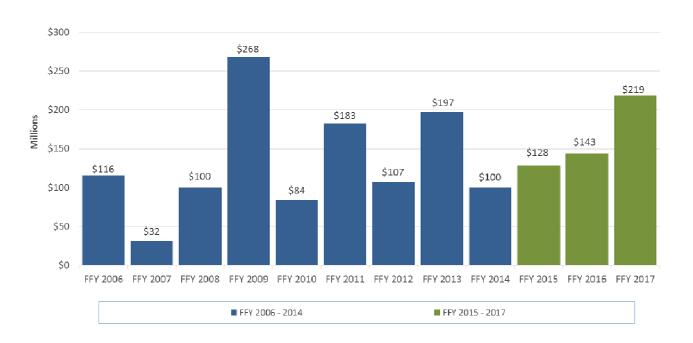


Detailed project-by-project data for on time and on budget status, and change order percentages for projects in construction can be found in the accompanying insert booklet.

# **Project Performance**

Due to the additional funding provided by RhodeWorks, RIDOT expects that FFY 2017 will be the largest construction program since the Federal American Recovery and Reinvestment Act stimulus package in FFY 2009. RIDOT expects to award more than \$210 million in construction contract awards in FFY 2017, up over \$90 million from FFY 2015 (the last full federal fiscal year prior to RhodeWorks).

# RIDOT Actual & Estimated Construction Awards \*Does Not Include 6/10 Interchange Project



Note: FFY 2015 total differs from statutory reporting section because two projects that were advertised in FFY 2014 were awarded in FFY 2015. These contracts are included in the FFY 2015 statutory reporting section, but not in the chart above, which reflects total construction value advertised in any given federal fiscal year.

The chart on the facing page details engineers estimates and low bid amounts for FFY 2016 projects. As can be seen, through the end of the quarter, low bid amounts came in \$2.6 million below RIDOT engineers estimates.

\$ 69.328 \$ 66.699 \$ (2.629)

FFY 2016 Construction Program (Advertise Date)												
PTS ID	Project	Target Advertise Date	Advertised Date	Engineer's Estimate		Low Bid		Value Change				
0076N	Route 107 1R Improvements	Oct-15	30-Oct-15	\$	2.829	\$	2.398	\$(0.431)				
	Portsmouth Maintenance Facility	Nov-15	26-Oct-15	\$	6.000		5.760	\$(0.240)				
	Airport Connector & Route 2 Bridges (53C & 81B)	Dec-15	16-Dec-15	\$	6.023	\$	5.698	\$(0.325)				
	Memorial Blvd. & Francis Street Improvements	Dec-15	31-Dec-15	\$	1.597	\$	1.758	\$ 0.161				
	Harbor Junction Bridge No. 131 (57E)	Jan-16	5-Jan-16	\$	4.006	\$	3.375	\$(0.631)				
	Two Mile Corner Reconstruction	Jan-16	15-Jan-16	\$	6.555	\$	6.586	\$ 0.031				
	Coronado Road Pedestrian Enhancements	Jan-16	15-Jan-16	\$	2.106	\$	2.268	\$ 0.161				
0102J	East Bay/South, C-6 - STC	Jan-16	22-Jan-16	\$	0.807	\$	0.920	\$ 0.101				
	Mineral Spring Avenue HSIP	Jan-16	2-Mar-16	\$	2.053	•	2.131	\$ 0.113				
	Rubberized Asphalt Chip Seal 2016	Mar-16	4-Mar-16	\$	1.172		1.199	\$ 0.027				
	Crack Sealing- South & Central, 2016	Mar-16	9-Mar-16	\$	0.299	\$	0.202	\$ (0.098)				
	Crack Sealing- South & Central, 2016	Mar-16	9-Mar-16	\$	0.299	\$	0.202	\$(0.038)				
	Statewide Pavement Striping- South, 2016-2017	Mar-16	16-Mar-16	\$	2.519	\$	2.060	\$(0.103)				
	, 5	Mar-16	16-Mar-16	\$	2.699	\$	2.339	\$(0.453)				
	Statewide Pavement Striping- Central, 2016-2017 Statewide Pavement Striping- Limited Access, 2016-2017					\$						
	, ,	Mar-16	22-Mar-16	\$	3.472		3.146 4.646	\$(0.327)				
	High Street & Kingstown Road Improvements	Mar-16	22-Mar-16	\$	4.730	\$		\$(0.084)				
	Paver Placed Elastomeric Surface Treatment 2016	Mar-16	23-Mar-16	\$	0.904	\$	0.906	\$ 0.002				
	Tefft Hill Trail Bridge No. 592 (67T-B)	Mar-16	30-Mar-16	\$	5.618	\$	4.259	\$(1.359)				
	Providence- Downtown Improvements, C-3	Mar-16	31-Mar-16	\$	2.096	\$	2.591	\$ 0.495				
	Pawtucket Avenue Bridge No. 471 (57B)	Mar-16	31-Mar-16	\$	6.697	\$	7.568	\$ 0.871				
	Traffic Signal Optimization, C-2	Mar-16	8-Apr-16	\$	1.008	\$	0.977	\$(0.031)				
	Blackstone River Bikeway- Segment 1A	Apr-16	31-Mar-16	\$	1.072	\$	1.193	\$ 0.121				
	Warwick- HSIP	May-16	6-May-16	\$	0.518		0.528	\$ 0.010				
	Bridge End Treatments- HSIP	May-16	31-May-16	\$	1.375	\$	1.674	\$ 0.299				
	Capron Road Bridge No.792 (70A)	Jun-16	31-May-16	\$	2.875	\$	2.322	\$(0.553)				
	RI-LEAP Westerly (Federal)- Improvements to Cross St.	Jun-16		\$	0.500							
	Pawtucket Area Bridges (53B)	Jun-16		\$	4.250							
0166J	Mussey Brook Bridge No.380 (56C)	Jun-16		\$	0.600							
0012R	Providence River Pedestrian Bridge	Jul-16	26-May-16	\$	11.063							
7006G	Statewide Guardrail 2017-2019	Jul-16	22-Jun-16	\$	3.496							
0012N	Ramp El Bridge No. 1083 (56A)	Jul-16		\$	0.400							
0071Q	Adquineck Avenue Improvements-Middletown & Tiverton	Aug-16		\$	0.900							
0080D	Pedestrian and Intersection Safety Improvements- STC	Aug-16		\$	1.000							
0145B	Carolina Bridges (57F)	Aug-16		\$	3.900							
0154A	Wood River & Holburton Bridges Nos. 261, 262 (58D)	Aug-16		\$	2.400							
0156C	South County Freeway Bridge No. 686 (52A)	Aug-16		\$	1.200							
7006H	Statewide Fence 2017-2019	Aug-16		\$	0.900							
0009N	Washington Bridge North No. 700 (57A T-J)	Sep-16		\$	10.000							
0012L	Providence Area Bridges Nos. 1080, 1082 (56B)	Sep-16		\$	1.300							
	Old Sakonnet River Ridge Demolition	Sep-16		\$	15.800							
	Slatersville Stone Arch Bridge No. 273 (70C)	Sep-16		\$	5.000							
	Route 102 & Route 117 Improvements- Roundabout	Sep-16		\$	2.100							
	Newman Avenue Bridge No. 224 (57D)	Sep-16		\$	3.000							
	Central Street Bridge No.449 (70B)	Sep-16		\$	6.300							
7006J		Sep-16		\$	2.000							
9005J	•	Sep-16		\$	1.600							
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				Ψ.		~						

**Totals Year to Date** 

## **Special Projects**

#### The Route 6/10 Multimodal Corridor Improvement Project



The Rhode Island Department of Transportation (RIDOT) has identified the Route 6 and Route 10 highways as priority corridors for infrastructure and transit investment. The Route 6/10 Multimodal Corridor Improvement Project includes replacement of the 6/10 Interchange, and the addition of a Bus Rapid Transit feature along Route 6 to Johnston, Route 10 to Cranston, and along Route 6/10 to downtown Providence in a future phase.

<u>Update:</u> This quarter, RIDOT submitted a FASTLANE Grant application on April 14<sup>th</sup> for \$175 million for the Route 6/10 Interchange project, following several public forums to gain input on the proposal. Following the close of the quarter, RIDOT received notification that the state did not receive FASTLANE funding. At this time, RIDOT is evaluating alternatives and options to move the project forward.

#### **Providence Station Transit Center**



The Providence Station Transit Center Project will relocate RIPTA bus hub activities from Kennedy Plaza to a new facility adjacent to the Providence Station, in addition to developing a Downtown bus operations plan linking proposed transit centers with major employment and activity centers. RIDOT envisions using a Public Private Partnership (P3) approach to create a larger transit-oriented development project by leveraging private sector involvement.

<u>Update:</u> In June 2016, the State of Rhode Island issued a P3 Request for Qualifications. Responses will be evaluated during the next quarter of 2016. This project utilizes a \$35 million general obligation bond passed in 2014 to create the transit hub, and a \$1 million federal TIGER grant for the planning study.

# Rhode Island Travel Plaza and Transit Center



In 2015, RIDOT received a \$9 million federal TIGER grant to construct a new travel center at the southeast corner of the I-95 Exit 1/ RI Route 3 interchange in the town of Hopkinton, about ½ mile from the Connecticut border. The travel plaza will include a 6,000 square foot Welcome Center with restrooms, food, convenience shops, bike amenities and tourist information. It will also have a park and ride facility for up to 200 vehicles serving RIPTA and intercity bus riders, as well as tourists and carpoolers. Site development will include up to 10 fueling stations (gasoline, natural gas, electric) and parking for up to 50 bicycles.

<u>Update:</u> A conceptual design contest with area colleges and architects was held this quarter, with the winning design to be announced. A Request for Proposal to Design/Build/Operate this project is scheduled to be advertised in late

summer 2016. The facility is expected to be open to the public summer of 2018.

## **Providence Pedestrian Bridge**



This project consists of the construction of a new pedestrian/bicycle bridge on the existing granite piers of the old I-195 bridge which crossed the Providence River. It will provide another crossing connection between the east side and west side of the Providence River midway between the Point St. Bridge and Crawford St. Bridge. It will also connect the proposed east side and west side parks, as well as the proposed development that will occur on the former I-195 highway land. In addition to being a connection, the bridge will also be a destination. The bridge will be unique with varying widths and will have wood decks, dedicated seating areas, specialized railings, lighting, and a façade.

<u>Update:</u> RIDOT has been working with the I-195 Redevelopment Commission to accelerate the bridge timeline. The project was put out for bid in May, an acceleration of two months, with plans for initial construction to occur late in the season, with project completion in 2018. Following the close of the quarter, the bid opening revealed higher than anticipated bids. RIDOT is evaluating options to move forward.

## **Bridge Toll Facilities**



A key component of RIDOT's RhodeWorks Infrastructure Improvement Plan is to assess user fees on tractor trailers to fund the reconstruction of structurally deficient bridges. This will be done by erecting All Electronic Tolling (AET) equipment at these bridge locations. The toll will be set at a level to generate enough revenue to pay for the amount of the bridge reconstruction cost proportionate to the amount of damage tractor trailers have caused.

Immediately upon passage of the enabling legislation, RIDOT issued two separate Requests for Proposals (RFP) for Toll Facility related consultants. The first was for a Toll Facilities Consultant to assist RIDOT with preparing the Design-Bid procurement package, prepare site plans, assist with environmental permitting, and to assist with construction oversight and system testing/acceptance. The second RFP

was for an Investment Grade - Traffic and Revenue (Level III) Study which will fine tune and validate the revenue forecasts.

<u>Update:</u> Both the Toll Facilities Consultant and Level III Study contracts have been awarded and all consultant work performed to date is on schedule and on budget. The Toll Facilities Implementation Design/Build RFP is scheduled to be advertised next quarter. RIDOT is currently in discussion with FHWA regarding the Memorandum of Understanding (MOU) for tolling, as well as the necessary environmental process. Tolls will begin in 2018.

## **Special Projects**

#### **Pawtucket/Central Falls Train Station**



In 2007, the City of Pawtucket completed a feasibility study on the restoration of commuter rail service in Pawtucket, with recommendations on station locations. Through the efforts of our Congressional Delegation, a "New Start" grant for \$1.9 million was secured from the Federal Transit Administration (FTA) to advance the project into preliminary engineering and environmental review. The preliminary engineering/environmental phase will be completed in the winter of 2016.

<u>Update:</u> This quarter, working in conjunction with the Cities of Pawtucket and Central Falls, RIDOT has submitted a federal "Transportation Investment Generating Economic Recovery" or "TIGER" grant application

for the construction of the station. In addition, the project team advanced a Transit-oriented Development (TOD) plan for the area which includes development of a market analysis. Since the quarter closed, RIDOT received word that it has secured a \$13.1 million federal grant for a new commuter rail station.

### **Providence-Newport Ferry Service**



Recognizing the value of Narragansett Bay as a transportation asset, the new RIDOT administration proposed ferry services as part of a transit working group which was charged with developing options to increase Rhode Island's transit usage. While exploring many possible designations and landing sites, in an effort to test the market for ferry service, the group recommended a start-up service for the 2016 summer season (July-September) connecting Providence and Newport. RIDOT worked with the Cities of Providence and Newport on landing sites, and closely coordinated its efforts with the Rhode Island Department of Environmental Protection (DEM), Coastal Resources Management

Council (CRMC), and the Rhode Island Public Utilities Commission (PUC). RIDOT included \$500,000 of Federal funds for FFY 2016 in its 10 Year Plan to support the service.

<u>Update:</u> This quarter, RIDOT successfully negotiated a contract with the selected operator, Seastreak. RIDOT also completed land-side improvements to the City of Providence landing using in-house forces, as well as our existing Master Price Agreements (MPAs) and coordinated the completion of the marine-side improvements with the selected operator. Immediately following the close of the quarter, RIDOT successfully implemented Providence-Newport ferry service, with more than 1,000 people using the service on its opening weekend alone.

#### **Rhode Island Air Show**



In an effort to relieve the historic traffic congestion along I-95 and Route 4 from visitors attending the Rhode Island National Guard Air Show, RIDOT for the first time provided train service to the Quonset Air Show on June 11 and 12, 2016, as a pilot demonstration initiative. Nearly 3,800 people rode the train, more than 6% of attendees or approximately 1 out of every 16 people who attended the Air Show. Three round trips were provided by MBTA, departing from Providence and TF Green Airport stations. The train service was free to the public. In addition, free parking was provided at the State Office lots in Providence and the Interlink in Warwick (courtesy of the Rhode Island Airport Corporation (RIAC)). Extensive collaboration between RIDOT, RI National Guard, MBTA, Amtrak, Seaview Railroad, Quonset Development Corporation (QDC) and RIAC in the weeks leading up to the Air Show contributed to the success of the pilot initiative. RIDOT anticipates bringing a more robust train service back for the 2017 Air Show.

## Iway Providence River Bridge - Guardrail Post Anchorage Issue



The Iway Bridge in Providence was fully opened to traffic in 2011. In May of 2013, a vehicle hit on the steel guardrails on the I-195 eastbound approach span of the Providence River Bridge caused a significant level of damage. Upon further investigation, RIDOT determined that the posts and the anchorage system for the guardrail were not constructed in accordance with the approved plans. The prior administration took steps to place temporary jersey barriers to ensure the safety of the traveling public.

When the new RIDOT management team arrived in February 2015, RIDOT had received a repair plan from the contractor. However, RIDOT and the Federal Highway Administration rejected the

contractor's approach. In June 2015, RIDOT engaged its own engineering consultant to develop a plan for the repairs. Those plans were received in September 2015 and approved by FHWA in November 2015. RIDOT directed the contractor to begin the repairs in December 2015.

<u>Update:</u> This quarter, repairs were completed in June 2016 along the east and west bound high speed railing. Work continues in the low speed shoulders, with repairs anticipated to be completed in late fall 2016.

### US Dept. of Justice Enforcement Action against RIDOT for NPDES Permit Violations



In 2011, the US Environmental Protection Agency (EPA) audited RIDOT for compliance with stormwater pollution controls under the Clean Water Act. In Rhode Island, the program is administered by the Rhode Island Department of Environmental Management (DEM). In May 2014, the US Department of Justice (DOJ) notified RIDOT that the EPA had requested that DOJ bring a federal court action against RIDOT for violations of conditions and limitations of its stormwater permit. The violations focused on lack of actions related to the control of pollutants discharged to impaired water bodies, illicit discharge program development (IDDE) and screening, and good housekeeping measures such as inspection/cleaning of catch basins and street sweeping. DOJ offered RIDOT the opportunity to discuss a resolution without the need

for formal litigation through execution of a consent decree. When the new RIDOT management arrived in February of 2015, it completed negotiations of the consent decree, which became effective on December 22, 2015. In response to the EPA audit, DOJ negotiations, and finalized Consent Decree, RIDOT created a new Office of Stormwater Management, and developed a \$112 million 10-year Stormwater Compliance Implementation Plan.

<u>Update:</u> This quarter, RIDOT hired Brian Moore, PE as the Administrator of the Office of Stormwater Management. In addition, RIDOT has started the development of the Lower Woonasquatucket Stormwater Control Plan, initiated stormwater outfall sampling and several IDDE investigations, created an IDDE Program Plan, and is in the process of executing two property transfers. The RIDOT Highway and Bridge Maintenance Division has completed the first round of sweeping 100% of the RIDOT maintained roadways in the permit area, and a new Statewide Drainage Maintenance group has been established. They have cleaned and inspected over 1,500 catch basin structures, primarily focused in the Lower Woonasquatucket River Watershed in Providence, North Providence, Johnston, Smithfield and the Spectacle Pond/Mashapaug Pond/Roger Williams Park Ponds area in Providence and Cranston. RIDOT is also in the process of hiring consultants to start work on the Statewide Drainage Inventory and Inspection contract to have every RIDOT drainage structure inspected by the end of 2017.

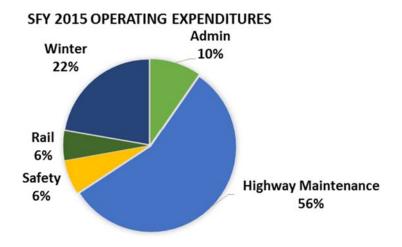
# Financials

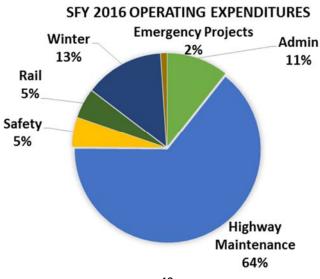
## **Expenditures**

**OPERATING EXPENDITURES**: Operating expenditures are costs associated with the day-to-day operations of RIDOT. These costs include Highway Maintenance, Safety Programs, Administrative Expenses, Winter Operations, and Commuter Rail expenses. Striping and bridge inspection are also included.

RIDOT closed its State Fiscal Year June 30, 2016. In SFY 2016, approximately 64% of RIDOT's operating budget was expended on Highway Maintenance. This compares to 56% of the operating budget in the previous fiscal year. The increase in spending on Highway Maintenance reflects new efforts to heighten the level of maintenance for the state's infrastructure. RIDOT's 10 Year Plan calls for increased attention to the maintenance of the state's transportation infrastructure, greater efficiency, and reductions to spending on striping, bridge inspections, and administrative functions.

In SFY 2016, only 13% of operating expenditures were classified as Winter Operations expenses. Last year (SFY 2015), Winter Operations accounted for 22% of operating expenditures. The decreased spending on winter operations reflects the less severe winter in SFY 2016. Safety and commuter rail operations accounted for 6% each of SFY 2015 operating expenditures and 5% each of SFY 2016 operating expenditures. Administrative costs are expected to remain flat over the period as savings associated with in-house labor will likely be offset by a change in the overhead recovery rate.





Actual operating expenditures totaled \$101 million in SFY 2015, \$22 million in Q4 SFY 2016, and \$100 million for SFY 2016.

## **Operating Expenditures Detail (Actuals)**

(In Thousands)	;	SFY15	SF	Y16Q1	s	FY16 <b>Q</b> 2	SF	Y16 <b>Q</b> 3	SF	Y16Q4	F	Y16 YTD
<u>Administrative</u>												
In-house Labor	\$	25,451	\$	6,336	\$	6,386	\$	5,382	\$	4,885	\$	22,989
Overhead Recovery	\$	(19,300)	\$	(4,427)	\$	(3,877)	\$	(3,159)	\$	(3,160)	\$	(14,623)
Consultant Contracts	\$	116	\$	31	\$	7	\$	7	\$	207	\$	252
Miscellaneous (Admin)	\$	1,473	\$	343	\$	144	\$	294	\$	104	\$	885
Pass Throughs	\$	1,993	\$	659	\$	207	\$	85	\$	640	\$	1,591
Total Administrative	\$	9,733	\$	2,942	\$	2,867	\$	2,609	\$	2,676	\$	11,094
Highway Maintenance**												
In-house Labor	\$	23,373	\$	5,817	\$	5,192	\$	5,266	\$	5,785	\$	22,060
Overhead Costs	\$	3,273	\$	524	\$	491	\$	412	\$	402	\$	1,829
Consultant Contracts	\$	8,571	\$	2,761	\$	5,636	\$	3,380	\$	2,343	\$	14,120
Construction Contracts	\$	12,293	\$	3,565	\$	5,763	\$	773	\$	2,669	\$	12,770
Miscellaneous (Highway Maint.)	\$	8,054	\$	2,014	\$	3,622	\$	4,193	\$	1,998	\$	11,827
Pass Throughs	\$	1,210	\$	1,012	\$	-	\$	425	\$	90	\$	1,527
Total Highway Maintenance	\$	56,774	\$	15,693	\$	20,704	<u> </u>	14,449	\$	13,287	\$	64,133
Safety												
In-house Labor	\$	598	\$	134	\$	106	\$	86	\$	77	\$	403
Overhead Costs	\$	462	\$	65	\$	51	\$	42	\$	36	\$	194
Consultant Contracts	\$	1,600	\$	239	\$	487	\$	84	\$	43	\$	853
Miscellaneous (Safety)	\$	350	\$	66	\$	109	\$	73	\$	50	\$	298
Pass Throughs	\$	3,498	\$	609	\$	1,242	\$	662	\$	832	\$	3,345
Total Safety	<u>\$</u>	6,508	\$	1,113	\$	1,995	\$	947	\$	1,038	\$	5,093
•		,		,		,				,		,
Transit Operations												
Rail Operations	_\$	5,571	\$	2,210	\$	1,033	\$	776	\$	740	\$	4,759
Total Transit Operations	\$	5,571	\$	2,210	\$	1,033	\$	776	\$	740	\$	4,759
Winter Operations												
In-house Labor	\$	2,363	\$	-	\$	288	\$	769	\$	-	\$	1,057
Miscellaneous (Winter)	\$	20,168	\$	1,350	\$	405	\$	7,938	\$	2,394	\$	12,087
Total Winter Operations	\$	22,531	\$	1,350	\$	693	\$	8,707	\$	2,394	\$	13,144
Emergency Repair Projects***												
In-house Labor	\$	-	\$	-	\$	-	\$	87	\$	53	\$	140
Overhead Costs	\$	-	\$	-	\$	-	\$	33	\$	20	\$	53
Consultant Contracts	\$	-	\$	-	\$	-	\$	5	\$	131	\$	136
Construction Contracts	\$	-	\$	-	\$	-	\$	675	\$	1,133	\$	1,808
Miscellaneous (Emergency)	\$	-	\$	-	\$	-	\$	4	\$	101	\$	105
Total Emergency Repair Project	\$	-	\$	-	\$	•	\$	804	\$	1,438	\$	2,242
Total Operating Expenditures	\$	101,117	\$	23,308	\$	27,292	\$	28,292	\$	21,573	\$	100,465

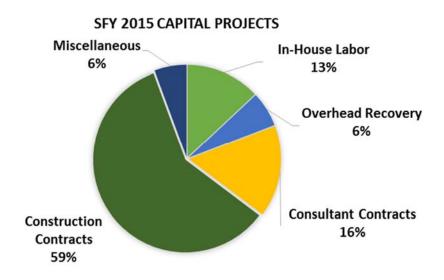
<sup>\*</sup>Expenditures derived from RIDOT's Oracle Financial Mangement System

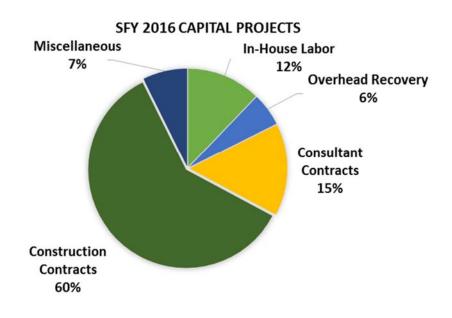
<sup>\*\*</sup>Includes bridge inspection, striping, crack sealing and chip sealing

<sup>\*\*\*</sup>Expenditures directly related to emergency projects were not tracked separately until the 3rd Qtr of SFY16. Prior to that the expenditures for emergency projects were reported within the capital projects section.

## **Expenditures**

CAPITAL EXPENDITURES: Capital expenditures include design, construction and oversight costs associated with capital projects, expenditures to plan capital projects and debt service on capital debt. Some operating expenditures associated with RIDOT overhead are also billed to capital projects. Capital costs other than those allocated to the construction contracts are considered "soft costs." RIDOT's 10 Year Plan calls for the reduction of soft costs over time to bring this portion of capital expenditures down to industry standards through the implementation of project management. RIDOT has begun implementing this approach and early results include the increased proportion of capital expenditures spent on construction contracts from 59% in SFY 2015 to 60% in SFY 2016, the reduction of RIDOT internal costs (In-House Labor plus Overhead) from 19% in SFY 2015 to 18% in SFY 2016 and the reduction of spending on Consultant Contracts from 16% of capital spending in SFY 2015 to 15% of capital spending in SFY 2016.





## Expenditures

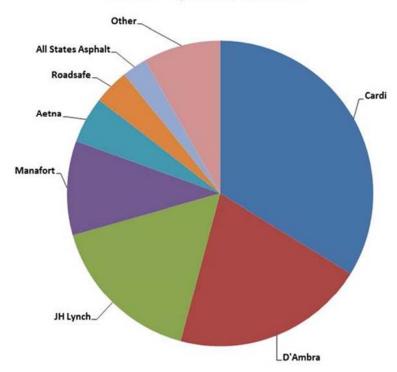
Actual capital expenditures totaled \$330 million in SFY 2015, \$87 million in Q4 SFY 2016, and \$294 million for SFY 2016.

	Capital Ex	кре	nditures	s De	etail (Actu	ıals	)			
(In Thousands)	SFY15	SI	FY16Q1	:	SFY16Q2	S	FY16Q3	S	FY16Q4	FY16 YTD
Debt										
Debt	\$ 103,330	\$	6,853	\$	15,334	\$	8,954	\$	34,667	\$ 65,808
Total Debt Service	\$ 103,330	\$	6,853	\$	15,334	\$	8,954	\$	34,667	\$ 65,808
Planning										
In House Labor	\$ 4,441	\$	1,034	\$	926	\$	774	\$	185	\$ 2,919
Overhead Recovery	\$ 2,905	\$	497	\$	440	\$	364	\$	79	\$ 1,380
Consultant Contracts	\$ 2,461	\$	662	\$	598	\$	665	\$	499	\$ 2,424
Miscellaneous (Planning)	\$ 1,435	\$	121	\$	36	\$	170	\$	-	\$ 327
Total Planning	\$ 11,242	\$	2,314	\$	2,000	\$	1,973	\$	763	\$ 7,050
Capital Projects										
In House Labor	\$ 26,769	\$	7,528	\$	6,396	\$	5,111	\$	6,129	\$ 25,164
Overhead Recovery	\$ 12,660	\$	3,341	\$	2,895	\$	2,309	\$	2,623	\$ 11,168
Consultant Contracts	\$ 33,155	\$	8,293	\$	9,818	\$	5,764	\$	6,488	\$ 30,363
Construction Contracts	\$ 121,636	\$	32,390	\$	42,831	\$	18,598	\$	24,490	\$ 118,309
Miscellaneous (Capital Projects)	\$ 11,568	\$	3,485	\$	5,078	\$	2,940	\$	2,277	\$ 13,780
Total Capital Projects	\$ 205,788	\$	55,037	\$	67,018	\$	34,722	\$	42,007	\$ 198,784
Capital Pass Throughs										
Pass Throughs	\$ 10,274	\$	2,953	\$	5,969	\$	4,554	\$	9,322	\$ 22,798
<b>Total Capital Pass Throughs</b>	\$ 10,274	\$	2,953	\$	5,969	\$	4,554	\$	9,322	\$ 22,798
Total Capital Expenditures	\$ 330,634	\$	67,157	\$	90,321	\$	50,203	\$	86,759	\$ 294,440
Total RIDOT Expenditures	\$ 431,751	\$	90,465	\$	117,613	\$	78,495	\$	108,332	\$ 394,905

## **Construction Contract Awards FFY 2015**

In Federal Fiscal Year 2015, RIDOT opened bids on 44 construction contracts. The engineer bid estimates totaled \$134 million. The low bid prices were \$127.7 million, some \$3.7 million less than the engineer estimates. The chart below details awards by contractor for FFY 2015.

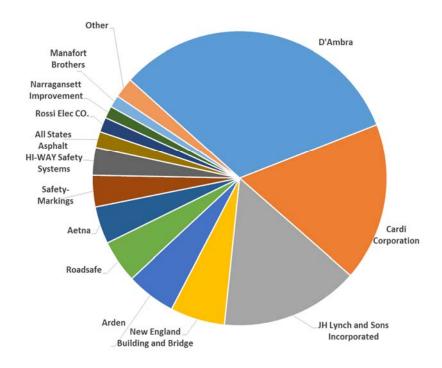
FFY 2015 Awarded Construction Contracts by Contractor Total = \$127.7 million



Contractor	# of Contracts	Total \$ Awarded	%	Cumulative
Cardi	11	\$43,104,843.90	33.76%	33.76%
D'Ambra	8	\$26,053,766.39	20.40%	54.16%
JH Lynch	7	\$21,002,104.53	16.45%	70.61%
Manafort	1	\$12,663,713.77	9.92%	80.53%
Aetna	2	\$6,334,287.00	4.96%	85.49%
Roadsafe	2	\$4,766,709.49	3.73%	89.22%
All States Asphalt	3	\$3,348,919.45	2.62%	91.85%
Other	10	\$10,411,160.24	8.15%	100.00%
Totals	44	\$127,685,504.77	100.00%	

For the first three quarters of FFY 2016, RIDOT awarded \$67.4 million in bids for construction awards.

## Construction Contracts by Contractor FFY 2016 YTD (October 2015 - June 2016)



		Total \$ Awarded	
Contractor	# of Contracts	(in Millions)	%
D'Ambra	5	\$ 21.8	32.4%
Cardi Corporation	6	\$ 11.7	17.4%
JH Lynch and Sons Incorporated	5	\$ 10.3	15.2%
New England Building and Bridge	3	\$ 4.0	6.0%
Arden	1	\$ 3.7	5.4%
Roadsafe	1	\$ 3.1	4.7%
Aetna	3	\$ 2.8	4.1%
Safety-Markings	1	\$ 2.3	3.5%
HI-WAY Safety Systems	1	\$ 2.1	3.1%
All States Asphalt	1	\$ 1.2	1.8%
Rossi Elec CO.	2	\$ 1.1	1.6%
Narragansett Improvement	1	\$ 0.9	1.3%
Manafort Brothers	3	\$ 0.9	1.3%
Other	5	\$ 1.5	2.2%
Totals	38	\$67.4	100.0%

## **Approved Value DBE Sub-Contracts New Projects**

## January-June 2016

Sub-Contractor	App	roved Value
<b>Equality Construction Works</b>	\$	1,197,006
New England Highway Tech	\$	432,776
Dynamic Scheduling Solutions	\$	42,845
COSCO	\$	785,387
MON Landscaping	\$	685,565
True Quality	\$	109,340
Seacoast Asphalt	\$	597,520
DEMCO, LLC	\$	292,456
IDS Highway Safety	\$	1,865,314
F.C. Construction	\$	320,733
H.B. Welding	\$	63,170
Steere Engineering	\$	14,840
Welch Assoc. Land Surveyors	\$	51,760
H&A Steel, LLC	\$	21,600
ASA Environmental Products	\$	151,050
Rhode Island Rebar	\$	34,508
Truax Corp.	\$	39,349
K. DaPonte Const. Corp.	\$	70,118
Oak Hill Farm, LLC	\$	8,500
Total	\$	6,783,837

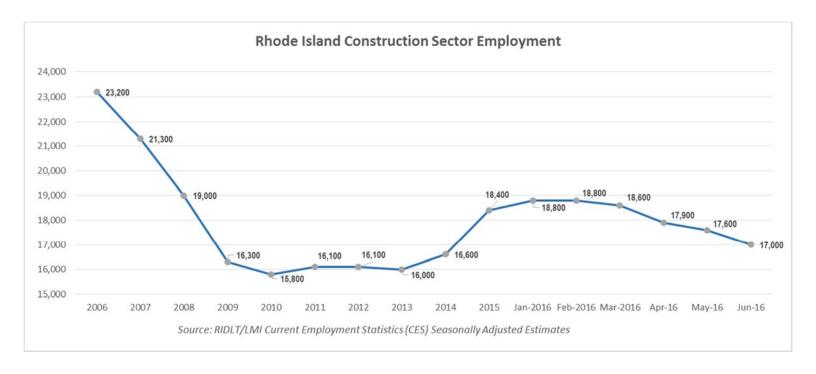
## **Total Payments to DBE's on Project Finalized**

## January-June 2016

Sub-Contractor	Appro	oved Value
DEMCO, LLC	\$	43,009
Dynamic Scheduling Solution	ıs \$	22,008
Site Tech Corporation	\$	72,598
F.C. Construction	\$	677,810
<b>Equality Construction</b>	\$	809,635
Steere Engineering	\$	5,000
True Quality	\$	60,244
COSCO	\$	3,236,290
MON Landscaping	\$	1,594,161
T&T Steel Erectors	\$	1,383,623
Seacoast Asphalt	\$	122,627
Certified Connections	\$	219,007
IDS Highway Safety	\$	149,473
Melo's Rodbusters	\$	69,516
To	tal \$	8,465,001

# Appendices

## Appendix A. Rhode Island Construction Sector Employment



## **Date Conventions:**

CY: Calendar Year (January 1 – December 31)

**FFY:** Federal Fiscal Year (October 1 – September 30)

**SFY:** State Fiscal Year (July 1 – June 30)

Safety Information is collected and reported on a calendar year (CY) basis

Financial Information is reported on a State Fiscal Year (SFY) basis

All other information is reported on a Federal Fiscal Year (FFY) basis

## **Technical Definitions:**

**Emergency Awards**: The Department occasionally faces the need for urgent response to certain situations. As defined by State Purchasing Regulations (9.6.2), an emergency is defined as follows: "An emergency shall mean a situation to which an urgent response is required. Immediate dangers to health and safety, threats to property and necessary functions, and failures of critical equipment constitute emergencies"

**Advertise**: The date of the public notice of the invitation for bids or request for proposals, typically posted on the State Purchasing's website

**At NTP**: Notice to Proceed occurs when a Purchase Order is provided by the Owner to the Contractor authorizing work to begin

**Substantial Completion:** Substantial completion is reached when the work is completed so it can be safely and effectively used by the public. This may include the entire Project or a unit, or portion of the work such as a structure, an interchange, or section of road or pavement

**Final Completion:** Final completion is reached when all contract work is completed, including punchlist work, and all certifications have been received by the Department

LTD: Life to Date

**Change Orders**: A written order to the Contractor covering contingencies, extra work, increases or decreases in contract quantities, and additions or alterations to the plans or specifications within the scope of the contract, and estblishing the basis of payment and time adjustments for the work affected by said change

#### **Industry Definitions:**

NHTSA: National Highway Traffic and Safety Administration

**OHS:** Office of Higway Safety

**FARS**: The Fatality Analysis Reporting System is a nationwide census providing NHTSA, Congress and the American public yearly data regarding fatal injuries suffered in motor vehicle traffic crashes

**Pass throughs**: Capital pass through expenditures are costs that are not directly related to capital projects but instead passed on to other entities such as other state agencies or local cities and towns for capital related costs

**CMAQ**: Congestion Mitigation and Air Quality

## **RIDOT System Quick Facts**



1,173

Bridges (5+ feet) as of 6/30/16



More than

2,900

Lane miles of road



5 rail stations

18 park and rides



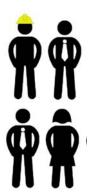
104,000

Traffic devices



25,000

Catch basins (approximate)



629

Total employees (as of 6/30/16)

Current estimate of assets maintained by RIDOT only. Does not account for all traffic devices and equipment constructed by RIDOT on an annual basis.